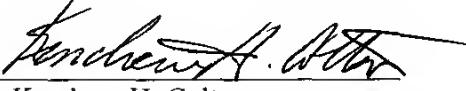


**REMARKS**

The First Amendment incorporates the application lineage per 35 U.S.C. § 120 and makes editorial corrections to claims 10 and 21 to place them in more conventional U.S. claim format.

Respectfully submitted,

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## APPENDIX

Amendments to the existing claims:

10. (Amended) A production method of a plastic optical fiber, comprising the step of annealing a plastic optical fiber obtained by heat-drawing an undrawn fiber obtained by melt spinning, at a circumferential velocity ratio between the front and rear rollers (circumferential velocity of a rear roller / circumferential velocity of a front roller) of 0.5 to 1.2 under heating conditions which satisfy  $4 \leq y \leq -1.5x + 330$  and  $(T_{gc} - 5)^\circ\text{C} \leq x \leq (T_{gc} + 110)^\circ\text{C}$ , wherein {T<sub>gc</sub>: represents a glass transition temperature of a core, x: represents an annealing temperature ( $^\circ\text{C}$ ), and y: represents an annealing time (seconds)}.

21. (Amended) A production method of a plastic optical fiber, comprising the step of annealing a plastic optical fiber obtained by heat-drawing an undrawn fiber obtained by melt spinning, at a circumferential velocity ratio between (circumferential velocity of a rear roller / circumferential velocity of a front roller) between the front and rear rollers of 0.5 to 1.2 under heat conditions which satisfy  $4 \leq y \leq -1.5x + 330$  and  $(T_{gc} - 5)^\circ\text{C} \leq x \leq (T_{gc} + 110)^\circ\text{C}$ , wherein {T<sub>gc</sub>: represents a glass transition temperature of a core, x: represents an annealing temperature ( $^\circ\text{C}$ ), and y: represents an annealing time (seconds)}, while a tension of  $0.35 \times 10^6$  to  $1.5 \times 10^6$  Pa is applied to the fiber.